

cisco Bay Cities Section of the Illuminating Engineering Society. Other speakers on the program were Dr. Charles Burch, Chief of the Division of Schoolhouse Planning, California State Department of Education, and Professor Leland H. Brown of Stanford University.

Dr. Miller reported results of two years of continuous recording of daylight by instruments installed at the Academy. These records make possible for the first time accurate knowledge of the amounts of daylight available at different seasons and under different conditions of weather.



AQUARIUM SOCIETY TO MEET JANUARY 6

THE REGULAR monthly meeting of the San Francisco Aquarium Society will be held in the Steinhart Aquarium on Thursday evening, January 6, at 8:00 o'clock. All interested persons are invited to attend.



STUDENT SECTION TO HAVE PROGRAM ON ORIENT

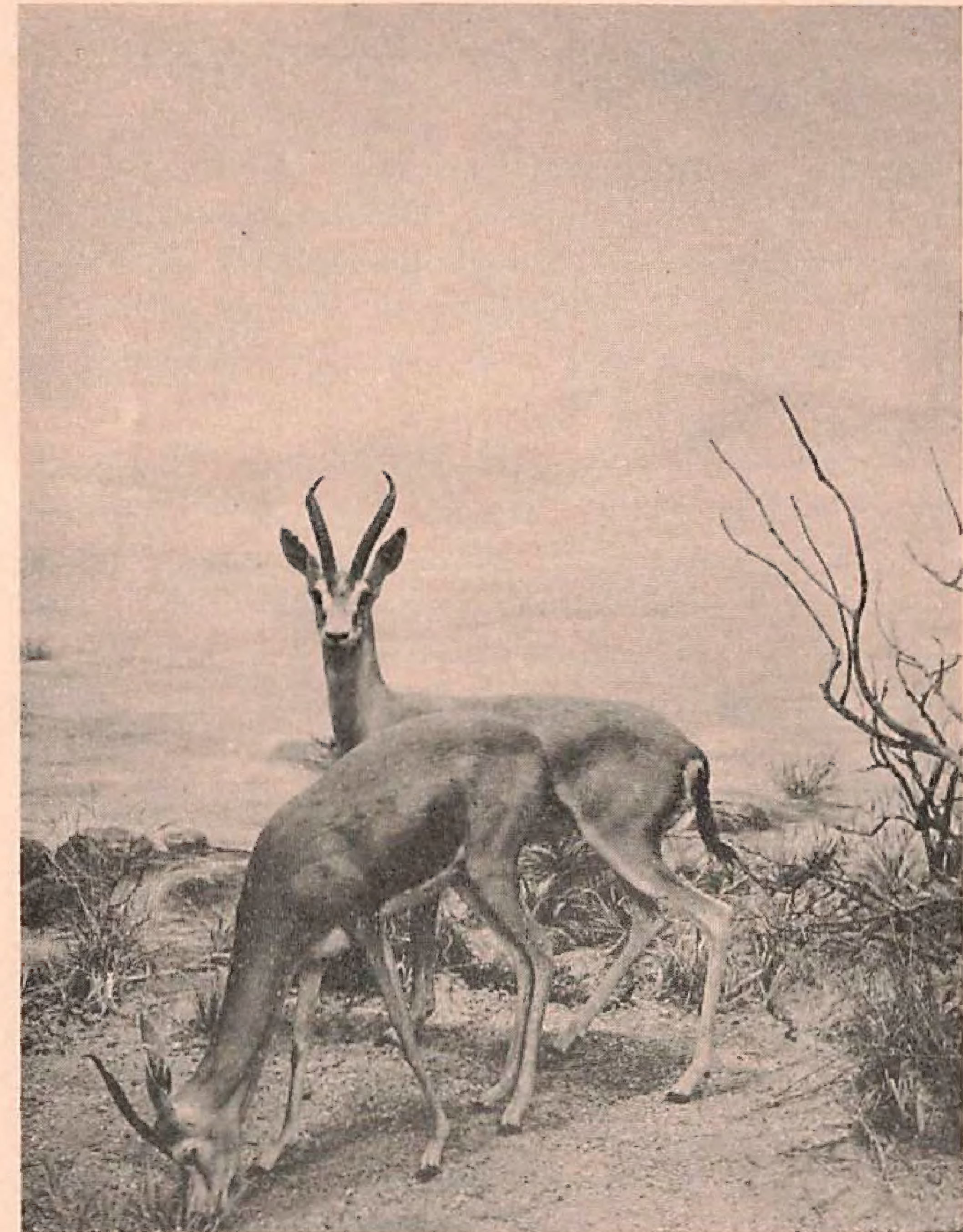
STUDENT members of the Academy will meet at 2:00 o'clock on Saturday afternoon, January 8, in Room 214, Simson African Hall. The program will consist of motion pictures and lantern slides depicting life in China, the Philippine Islands, and the famous Vale of Kashmir in India.

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DORCAS GAZELLE EXHIBIT IN
SIMSON AFRICAN HALL

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January Announcement

THE REGULAR JANUARY MEETING of the California Academy of Sciences will be held in Room 214, Simson African Hall on Wednesday afternoon, January 5, 1944, at 3:30 o'clock. The speaker will be Dr. George D. Shafer, Professor of Physiology, Emeritus, Stanford University, whose subject will be "Some Interesting, Distinctive Physiological Processes, Reactions and Traits Exhibited by the Mud-wasp, *S. cementarium*."

The lecture will be illustrated with lantern slides. It will cover points of interest in the life history of our largest species of mud-dauber. It will also give the results of an investigation concerning the method by which this insect transforms and eliminates uric acid in a manner which must be the envy of every man who suffers from gout. Some of Professor Shafer's original observations on traits and conditioned nervous responses of the adult wasp will be described.

The public is cordially invited.



APPLICATIONS FOR MEMBERSHIP

NOTICE is hereby given to all Corporate Members that the Council at its meeting December 17, 1943, approved the applications of Mr. Herbert W. Allen, Mrs. Anson S. Blake, Miss Hope Bliss, Mrs. Susanne B. Bryant, Mrs. George R. Child, Mrs. Alice B. Chittenden, Mr. John P. Cox, Mr. Henry F. Dutton, Miss Fanny Friedlander, Dr. Samuel A. Goldman, Mrs. A. W. Hewlett, Mrs. C. H. Hohfeld, Miss Vesta Holt, Mr. Everett E. Horn, Mr. Frederick J. Koster, Mr. H. W. Koster, Mrs. Phillip V. H. Lansdale, Mrs. Alfred McLaughlin, Mrs. A. F. L. Martyn, Mr. William B. Maxwell, Mr. Richard G. Miller, Dr. M. Laurence Montgomery, Mr. William Munich, Jr., Mr. A. S. Newhall, Dr. J. Marion Read, Mrs. William Sproule, and Mr. Harvey M. Toy for MEMBERSHIP in the California Academy of Sciences. If no objection to the election of these applicants be received at the office of the Academy within two weeks after December 31, 1943, they will be considered elected.

MONOGRAPH ON FUCHSIAS PUBLISHED

THE ACADEMY published on December 11 "A Revision of the Genus *Fuchsia* (Onagraceae)," by Professor Philip A. Munz of Pomona College. This monograph of 138 pages is the first number of the Alice Eastwood Semi-centennial Publications. Distribution to members, exchanges, and advance subscribers will be made soon after the holidays.



BRUNER PAMPHLET COLLECTION PRESENTED TO ACADEMY

THE VALUABLE collection of pamphlets on Orthoptera belonging to the late Professor Lawrence Bruner has been presented to the Academy's Library by his two daughters, Miss Helen M. Bruner, Librarian of the Sutro Library, San Francisco, and Mrs. Harry Smith of Riverside. The gift included a card index of literature on Orthoptera, and several boxes of specimens, among which were some types that have been added to the type collection of the Academy's Department of Entomology.

Professor Bruner served as a member of the faculty of the University of Nebraska from 1890 until 1906, when he retired with the title of Professor of Entomology, Emeritus. He was a noted teacher, and developed many students who became well-known entomologists. He was also a productive research worker, and made important contributions to our knowledge of the saltatorial Orthoptera of Brazil, British Guiana, West Africa and Madagascar, as well as the Acrididae of Peru.

A number of reprints of Professor Bruner's own published papers came with the gift. These the Academy will be glad to distribute to libraries and to individual entomologists on request.



DR. ROSS PROMOTED TO CAPTAIN

THE ACADEMY'S Assistant Curator of Entomology on leave, Dr. Edward S. Ross, was recently promoted from 1st Lieutenant to Captain in the Sanitary Corps of the United States Army. He is in command of the 38th Malarial Survey Unit. Captain and Mrs. Ross were recent visitors at the Academy.



SYMPOSIUM ON NATURAL LIGHTING

ON DECEMBER 17 the Academy's Director, Dr. R. C. Miller, participated in a symposium on "Daylight Measurements and the Application of Natural Lighting Data to Building Design," held under the auspices of the San Fran-